

Smart Skies			
2008 Science			
Grade and Course Level Expectations			
Missouri Science			
Grade 6			
Activity/Lesson	State	Standards	
Fly by Math	MO	SCI.6.7.1.A.e	Recognize different kinds of questions suggest different kinds of scientific investigations (e.g., some involve observing and describing objects, organisms, or events; some involve collecting specimens; some involve experiments; some involve making observations in nature; some involve discovery of new objects and phenomena; some involve making models)
Smart Skies			
2008 Science			
Grade and Course Level Expectations			
Missouri Science			
Grade 7			
Activity/Lesson	State	Standards	
Fly by Math	MO	SCI.7.2.1.A.c	Given an object in motion, calculate its speed (distance/time)
Fly by Math	MO	SCI.7.2.1.A.d	Interpret a line graph representing an object's motion in terms of distance over time (speed) using metric units
Fly by Math	MO	SCI.7.2.2.D.c	Explain that a change in motion is the result of an unbalanced force acting upon an object
Fly by Math	MO	SCI.7.7.1.A.f	Acknowledge there is no fixed procedure called "the scientific method", but some investigations involve systematic observations, carefully collected and relevant evidence, logical reasoning, and imagination in developing hypotheses and other explanations
Line Up with Math	MO	SCI.7.2.1.A.c	Given an object in motion, calculate its speed (distance/time)
Line Up with Math	MO	SCI.7.2.1.A.d	Interpret a line graph representing an object's motion in terms of distance over time (speed) using metric units
Smart Skies			
2008 Science			
Grade and Course Level Expectations			
Missouri Science			
Grade 8			
Activity/Lesson	State	Standards	

Fly by Math	MO	SCI.8.7.1.A.e	Recognize that different kinds of questions suggest different kinds of scientific investigations (e.g., some involve observing and describing objects organisms, or events; some involve collecting specimens; some involve experiments; some involve making observations in nature; some involve discovery of new objects and phenomena; some involve making models)
Fly by Math	MO	SCI.8.7.1.A.f	Acknowledge there is no fixed procedure called “the scientific method”, but some investigations involve systematic observations, carefully collected and relevant evidence, logical reasoning, and imagination in developing hypotheses and other explanations